Vocational Mathematics

presented by Technical Training, LLC

Whole numbers
- Math for mechanics
- Whole number arithmetic
- Multiplication
- Division

Fractions
- Multiplication of fractions
- Dividing fractions
- Adding and subtracting fractions
- Decimal - fraction equivalents
- Working with measurement numbers

Decimals
- Decimals
- Tolerance

Percentages
- Percent/efficiency
- "The rule of 72"
- Efficiency
- Algebra
- Percentage

Metric Math
- Metric prefixes
- Metric Units
- Speed
- Volume
- Weight
- Temperature

Basic Algebra
- Algebraic expression
- Factor/term

Algebra
- Adding and subtracting expressions
- Multiplying simple factors

Geometry
- Concrete measurement
- Fluid power measurements

Trigonometry

- Determining- Area and length by square roots
- solving triangles (trigonometry)
- Two sides included angle
- Three sides
- Two sides (non-included angle)
- Two angles and sides

Sine/Cosine/Tangents
- Triangles